SUBJECT INDEX*

Acer nigrum *pseudoplatanoides* 695
Acrididae 558
Actinocleidus maculatus 101
bifurcatus 102
Aeschna californica 524
canadensis 521
coerulea septentrionalis 513
constricta 524
eremita 520
interrupta 519
interna 519
interrupta 519
lineata 519
nevadensis 519
juncea americana 517
multicolor 525
nymph 514
palmata 522
sitchensis 516
subarctica 518
tuberculifera 521
umbrosa 523
occidentalis 523
umbrosa 523
Aeschnidae 513
Algae, filamentous 642
Amphiagrion abbreviatum 499
Amphipoda, fresh-water 330
Anax junius 525
Anisoptera 506
Anthocopa 160
Argia emma 498
vivida 498
Ashmeadiella 157
Astacidae 110
Aster in Wisconsin 398
Finkii *moratus* 407
furcatus *elaciniatus* 405
laevis *latifolius* 409
purpurascens 409
macrophyllus *eglandulosus* 405
oblongifolius *angustatus* 418
roseoligulatus 417
puniceus *albiflorus* 414
Colbyi 414
glabratus 414
sagittifolius *Drummondii* 406
Atriplex argentea typica
caput-medusae 693
gardneri 694
patula hastata *subspicata* 694
phyllostegia *draconis* 694

Bacteria, autotrophic 640
heterotrophic 650
Baiomys *rexroadi* 351
Bogs, Ohio 674
Brachyprotoma *breviramus* 340
Browsers 642
ooze 644
Bryophyta 32

Cambarus *byersi* 118
cryptodytes 110
floridanus 114
Castalia-Myriophyllum Community 421
Ceratium furca 629
tripos 630
Chelostoma 155
Chelostomopsis 156
Chenopodium fremontii 690
fremontii *atrovirens* 691
fremontii 691
nevadense 691
Citellus *howelli* 347
rexroadensis 348
Cleidodiscus nematocirrus 98
Coenagriidae 498
Coenagrion resolutum 500
Cordulegaster dorsalis 506
Cordulegasteridae 506
Cordulia shurtleffi 530
Corduliidae 526
Crane-flies, North American 281
Crangonyx *occidentalis* 331
Crayfishes, new Florida 110
Crotaphytus collaris collaris 230
Cydnidae 122, 141

Dactylogyrid genera 105
Decapoda 110
Diceratosmia 162
Dinoflagellates, marine plankton 603
Diptera 281
Dragonflies, British Columbia 488

Eciton coecum, queen of 325, 328
Eleocharis parvula anachaeta 65
coloradoensis 66
membranacea 66
Enallagma boreale 501
carunculatum 504
clausum 501
cyathigerum 502
ebrium 503
hageni 503
Ephemeroptera 233
Epiphytes 642

* Names of new genera, species, etc., indicated by italics.

Eragrostis diffusa 690
Eremobates palisetulosus 179
Erioptera laevis *restricta* 317
serpentina 318
Erythemis simplicicollis collecata 544
Eucalyptus tree 696
Eupomotis microlophus 98

Flora, Mount Shasta 74
Formicapis 156
Formicidae 325
Fox Squirrel 696
Frasera 1
Fungus gnats 168

Garter Snakes 570
Gomphidae 509
Gomphus graslinellus 510
olivaceus 511
Goniaulax polyedra 630
Grasses, Wisconsin 69

Hemiptera, of Missouri 122
Hepaticae 32
Heriades 154
Hesperoscalops 337
rexroadi 338
Hexagenia 233
atrocaudata 240
bilineata 242
indica 244
limbata 245
californica 249
limbata 246
occulta 250
venusta 253
viridescens 256
munda 257
affiliata 257
elegans 259
marilandica 261
munda 263
orlando 264
recurvata 266
rigida 267
Pseudeatonica 269
albivitta 270
callineura 271
mexicana 272
Hexatoma *brevioricornis* 311
Hoplitis 158
Hymanella retenuova 85
Hymenoptera 147

Ischnura cervula 504
erratica 506
perparva 505

Lepomis gibbosus 182
Lestes congener 495
disjunctus 497
dryas 496
unguiculatus 496
Lestidae 495
Leucorrhinia borealis 553
glacialis 555
hudsonica 554
intacta 555
proxima 555
Leuctra *alexanderi* 175
maria 174
mitchellensis 176
nephophila 176
Libellula forensis 543
julia 541
lydia 543
pulchella 542
quadrimaculata 541
Libellulidae 541
Lichenes 31
Limnophila consimilis *griseipleura* 309
politissima 305
rudimentis 307
rufibasis *sedula* 309
Liomys *centralis* 349
Lizard, collared 230

Macrocera *hyalipennis* 171
Macromia magnifica 526
rickeri 527
Mammals, Rexroad fauna 337
Tularosa Basin 218
Megachilidae 147
Melanoplus impudicus 558
Microdalyellia *gilesi* 596, 602
Mount Shasta, flora of 74
Mountain Lake, Va. 596
Muhlenbergia 69
Musci 34
Mycomyia *sphagnicola* 171
sublittoralis 172
triancantha 172

Nannoplankters 640
Nehalennia irene 500
Neodiplectanum 106
wenningeri 107
Neolimnophila *appalachicola* 312
Neuratelia *insignifica* 172
scituloides 173
Neuston 646
Noteriades 164
Nutrients, dissolved 639

Octogomphus specularis 512
Odonata, British Columbia 488
Ogmodontomys 362
poaphagus 363
Ohio floristics 674
bogs 674
Ophiogomphus colubrinus 509
occidentis 509

severus montanus 509
Ormosia *mitchellensis* 314
subdentifera 316
Ornithology, Arkansas 207
Orthoptera 558
Osmia 162
Osmiinae, American 147
Oxystylis lutea 695

Pachydiplax longipennis 545
Parahodomys *quadriplicatus* 356
Paronychia, North American 369, 371
albomarginata 389
argyrocoma 388
Baldwinii 375
canadensis 381
chartacea 384
chorizanthoides 373
depressa 390
Drummondii 372
fastigiata 376
franciscana 387
herniarioides 375
Jamesii 391
Lindheimeri 374
mexicana 388
montana 380
pulvinata 385
riparia 376
sessiliflora 386
setacea 374
virginica 393
Wilkinsonii 391
Pedicia auripennis *attenuata* 299
breviclava 299
nephophila 300
Pentatomidae 122, 135
Perognathus *gidleyi* 350
Peromyscus *kansasensis* 352
Petaluridae 508
Phytoplankters 640
Pipilo e. erythrophthalmus 593
Plankton dinoflagellates 603
Plankton predators 641
Plants, North American 690
from Louisiana 30
Platyura *alexanderi* 168
miriamae 170
mitchellensis 168
Plecoptera, North American 174
Podopidae 122, 134
Pondweeds 641
Predators, benthic 645
swimming 647
Prochelostoma 155
Procyon *rexroadensis* 339
Prorocentrum micans 626
Proteriades 160

Rana catesbeiana 201, 203
clamitans 201, 205
Rexroad fauna 337
Rhabdosynochus rhabdosynochus 105
Rhus trilobata quinata 695
Robertsonella 157

Sciara *brevipetiolata* 322
dichaeta 321
kaiseri 320
mesochra 320
paradichaeta 322
subgrandis 321
Sciarinae 320
Scutelleridae 122, 134
Sediment-transporters 645
Solpugida, North American 179
Somatochlora albicincta 536
cingulata 541
franklini 532
hudsonica 539
minor 531
semicircularis 533
septentrionalis 534
nymph 535
walshii 530
whitehousei 534
Spermatophyta 37
Spilogale *rexroadi* 342
Sporobolus 69
Stenosmia 165
Sunfish, Stump-Knocker 98
Swertia of the Americas 1
albicaulis 17
alba 17
albomarginata 12
Purpusii 12
Bethelii 22
californica 20
caroliniensis 13
columbiana 22
albida 24
Cusickii 25
Eastwoodae 27
fastigiata 14
idahoensis 24
lassenica 25
modocensis 18
adglabra 19
montana 16
neglecta 15
nitida 26
Parryi 11
perennis 8
puberulenta 15
radiata 10
macrophylla 11
shastaensis 19
sierrae 16
tubulosa 15
umpquaensis 14
utahensis 12
Watsoni 21

Symmetrodontomys simplicidens 354
Sympetrum corruptum 546
costiferum 547
danae 550
decisum 550
illotum 545
madidum 547
obtusum 552
pallipes 551
semicinctum 549
vicinum 548
Tanypteryx hageni 508
Territory, in bird life 441
Tetragoneuria spinigera 528
canis 529
Tetraonchinae 98
Tetrapods, air-breathing 650
Thamnophis sirtalis 570
s. concinnus 578
s. infernalis 585
s. pickeringii 575
s. sirtalis 334
s. tetrataenia 581
Thyreocoridae 122, 143
Tipula *friendi* 293
stenorhabda 290
Tipulidae 284, 288
Tipuloidea 281
Towhee, red-eyed 593
Trematodes, monogenetic 98, 105
of the Stump-Knocker Sunfish 98
from Florida fishes 105
Triclad, new 85, 94
Trigonictis kansasensis 344
Urocleidus *attenuatus* 99
Vegetation, of Ohio bogs 674
Zooplankters 640
Zygoneura *Johannseni* 324
Zygoptera 495

AUTHORS' INDEX

Alexander, Charles P. 281
Allen, Winfred Emory 603
Barbour, Roger W. 593
Blair, A. P. 230
Blair, W. Frank 218, 230
Blatz, Valentin 105
Boulware, Jean T. 696
Boyer, Dorothy A. 334
Castle, William A. 85
Core, Earl L. 369
Cooke, William Bridge 74
Correll, Donovan S. 30
Correll, Helen B. 30
Deaderick, William H. 207
Eyles, Don E. 421
Fichter, Edson 179
Fitch, Henry S. 570
Fosberg, F. R. 690
Froeschner, R. C. 122
Gilly, Charles 65
Gunter, Gordon 194, 698
Gurney, Ashley B. 558
Hanson, John F. 174
Harrison, Charles H. 330
Hayes, Jr., Wayland J. 596
Hibbard, Claude W. 337
Hobbs, Jr., Horton H. 110
Hubricht, Leslie 330
Ingram, William Marcus 182, 201
Jones, Clyde H. 674
Jones, Jr., E. Ruffin 596
Just, Theo. 440, 699, 700
Lindeman, Raymond L. 636
Lyon, Jr., Marcus Ward 440
Michener, Charles D. 147
Mizelle, John D. 98, 105
Nice, Margaret Morse 441
Odum, Eugene Pleasants 182
Powers, Jr., E. Lawrence 439, 699
Raney, Edward C. 201
St. John, Harold 1
Shaw, F. R. 168, 320
Shinners, L. H. 69, 398
Spieth, Herman T. 233
Walker, E. M. 514, 535
Weber, Neal A. 325
Whitehouse, F. C. 488

Errata Graviora

P. 105, line 23: read "Rhabdosynochus n. g."

P. 284, line 15 from below: read "tephrocephala."

P. 285, line 8 from below: read "Limonia (Limonia)."

P. 286, line 10: read "Limnophila."

P. 286, line 15: read "flavoferruginea."

P. 286, line 30: read "Gonomyia."

P. 295, line 11 from below: read "johnsonella."

P. 297, line 4: read "solstitialis."

P. 303, line 15: read "contempta."

P. 304, line 16 from below: read "seticellula."

P. 304, line 5 from below: insert after "'Her." the following, "July 8, 1940."

P. 311, line 13 from below: read "cinerea."

P. 313, line 2 from below: read "holotricha."

Insert reprinted pages 427-438.